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Listing of Claims

The following listing of claims replaces all previous listings or versions thereof:

1. (Canceled)
2. (Previously presented) The method of claim 10, wherein said polypeptide is linked to a sequence encoding an adjuvant.
3. (Previously presented) The method of claim 2, wherein said adjuvant is selected from the group consisting of diphtheria toxoid, the T-cell epitope of tetanus toxin, cholera toxin, beta subunit of cholera toxin, and detoxified form of cholera toxin.
4. (Previously presented) The method of claim 10, wherein said sperm-specific polypeptide is lactate dehydrogenase-C or an antigenic fragment thereof.
5. (Previously presented) The method of claim 4, wherein said lactate dehydrogenase-C is a rodent lactate dehydrogenase-C.
6. (Previously presented) The method of claim 5, wherein said rodent lactate dehydrogenase-C is a rat lactate dehydrogenase-C or mouse lactate dehydrogenase-C.
7. (Previously presented) The method of claim 4, wherein said antigenic fragment is selected from the group consisting of SEQ ID NOs. 1-9.
8. (Previously presented) The method of claim 10, wherein said polypeptide is selected from the group consisting of SEQ ID NOs. 10-17.
9. (Previously presented) The method of claim 10, wherein said bacterial host is selected from the group consisting of *Salmonella typhimurium*, *Salmonella typhimurium* strain SL3261,

Salmonella typhimorium strain SL7202, Yersinia enterocolitica, Shigella flexner, Listeria monocytogenes, and Escherichia coli.

10. (Previously presented) A method of inducing an immune response against an egg- or sperm-specific polypeptide in an animal, comprising the step of: allowing said animal to ingest a recombinant bacterial host useful as an immunocontraceptive vaccine, said bacterial host comprising a vector encoding an egg- or sperm-specific polypeptide.

11. (Previously presented) The method of claim 10, wherein said animal is selected from the group consisting of mouse, rat, deer, elephants, water buffalo, feral horses, foxes, urban or wild dogs, urban or wild cats, or rabbits.

12. (Original) The method of claim 10, wherein said bacterial host is freeze-dried or prepared as a bait formulation.

13.- 22. (Cancelled)

23. Previously presented) The method of claim 10, wherein said immune response results in a decrease in fertility of the animal.

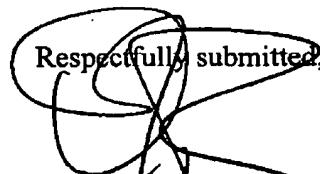
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## REMARKS

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The Restriction Requirement indicates that an election must be made for a single sequence for examination. In response, Applicants hereby elect, without traverse, SEQ ID NO:2 for examination as identified in the Restriction Requirement. Applicants, however reserve the right to re-introduce withdrawn, non-elected SEQ ID NOs (*i.e.*, SEQ ID NOs: 1, 3-17) upon an indication that the method claims are allowable (MPEP § 821.04).

This is submitted to be a complete response to the referenced Requirement for Restriction. The Examiner is invited to contact the undersigned at (512) 536-3055 with any questions, comments or suggestions relating to the referenced patent application.



Respectfully submitted,

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Date: November 3, 2006

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